

**OCCURRENCE AND POTENTIAL SOURCES OF PERCHLORATE
RELEASES TO THE ENVIRONMENT as of APRIL, 2003. ^a**

State	Location	Suspected Source	Type of Contamination	Max. Conc. ppb
AL	Redstone Army Arsenal - NASA Marshall Space Flight Huntsville, AL	Propellant Manufacturing, Testing, Research, Disposal	Monitoring Well Springs/Seeps	19,000 37
AL	Unregulated Contaminant Monitoring Rule (UCMR) data Escambia County, AL	Unknown	Public Water Supply	8.9
AZ	Apache Nitrogen Products Benson, AZ	Explosives Manufacturing	Monitoring Well	670
AZ	Aerodyne Gila River Ind. Res., Chandler, AZ	Propellant Testing	Monitoring Well	18
AZ	Davis Monthan AFB Tucson, AZ	Explosives/ Propellant Disposal	Soil	--
AZ	Unidynamics Phoenix Inc. Phoenix Goodyear Airport Goodyear, AZ	Explosives/Ordnance Manufacturing	Public Water Supply Well Monitoring Well	65 80
AZ	Unidynamics Phoenix Inc. White Tanks Disposal Area Maricopa County, AZ	Explosives/ Ordnance Disposal	Soil	--
AZ	Universal Propulsion Phoenix, AZ	Rocket Manufacturing	Soil	--
AR	Atlantic Research East Camden, AR	Rocket Manufacturing Disposal - Open burn/ Open detonation	Monitoring Well Surface Water Soil	640,000 12,500 --
CA	Aerojet General Rancho Cordova, CA	Rocket Manufacturing	Public Water Supply Well Monitoring Well	260 640,000
CA	Alpha Explosives Lincoln, CA	Explosives Manufacturing	Monitoring Well Reported in Surface Water	67,000
CA	Boeing/ Rocketdyne, NASA at Santa Susana Field Lab USDOE Santa Susana, CA	Rocket Research, Testing and Production	Monitoring Well	750
CA	Casmalia Resources Casmalia, CA	Hazardous Waste Management Facility	Monitoring Well	58
CA	El Toro Marine Corps Air Station Orange County, CA	Explosives Disposal	Monitoring Well	380
CA	Edwards AFB Jet Propulsion Lab, North Base Edwards, CA	Rocket Research	Monitoring Well	300

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CA	Lawrence Livermore National Laboratory Site 300 Tracy, CA	U.S. Dept. of Energy Explosives Research	Monitoring Well	84
CA	Lockheed Propulsion Upper Santa Ana Valley Redlands, CA	Rocket Manufacturing	Public Water Supply Well	87
CA	NASA - Jet Propulsion Lab Pasadena, CA	Rocket Research	Public Water Supply Well	54
CA	Olin Safety Flare Morgan Hill, CA	Flare Manufacturing	Public Water Supply Well Monitoring Well	15 167
CA	Rancho Cordova Test Site (Affects Mather AFB) Rancho Cordova, CA	Boeing/ McDonnell Douglas Rocket Testing	Public Water Supply Well Monitoring Well	120 1800
CA	Rialto-Colton Plume Rialto, CA	Fireworks Facility Flare Manufacturing Rocket Research and Manufacturing	Public Water Supply Well	811
CA	San Fernando Valley Glendale, CA	Grand Central Rocket ? Rocket Manufacturing	Monitoring Well	13
CA	San Gabriel Valley Baldwin Park, CA	Aerojet Rocket Manufacturing	Public Water Supply Well Monitoring Well	159 2,180
CA	San Nicholas Island Ventura County, CA	U.S. Navy Firing Range	Public Water Supply (Springs)	12
CA	Stringfellow Superfund Site Glen Avon, CA	Hazardous Waste Disposal Facility	Monitoring Well Private Well	682,000 37
CA	UTC (United Technologies) San Jose, CA	Rocket Testing	Monitoring Well	180,000
CA	Whittaker-Bermite Ordnance Santa Clarita, CA	Ordnance Manufacturing	Public Water Supply Well	47
CA	Whittaker Ordnance Hollister, CA	Ordnance Manufacturing	Private Well Monitoring Well	810 88
CO	Pueblo Chemical Depot Pueblo, CO	Munition Demobilizing Open burn/ Open detonation	Monitoring Well	180
GA	Unregulated Contaminant Monitoring Rule (UCMR) data Houston County, GA	Unknown	Public Water Supply	5.2
GA	Unregulated Contaminant Monitoring Rule (UCMR) data Oconee County, GA	Unknown	Public Water Supply	38

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IA	Ewart, IA	Unknown source	Livestock Well	29
IA	Hills, IA	Unknown source	Private Well	30
IA	Iowa Army Ammunition Plant Middleton, IA	Propellant handling	Monitoring Well	9
IA	Napier, IA	Agriculture(?)	Private Well	11
KS	Herington, KS	Ammunition Facility	Monitoring Well	9
MD	Aberdeen Proving Grounds Aberdeen, MD	Field Training - Pyrotechnics and Explosives	Public Water Supply Well Monitoring Well/ Hydropunch	5 24
MD	Naval Surface Warfare Center Indian Head, MD	Propellant Handling	Waste Discharge to Surface Water	>1,000
MD	White Oak Fed. Research Center (Naval Surface Warfare Center) White Oak, MD	Propellant Handling	Monitoring Well/ Hydropunch	798
MD	Unregulated Contaminant Monitoring Rule (UCMR) data Hagerstown, MD	Unknown	Public Water Supply	4
MA	Massachusetts Military Res. Barnstable County, MA	Disposal - Open burn/ Open detonation	Monitoring Well	100
MN	Unregulated Contaminant Monitoring Rule (UCMR) data New Brighton, MN	Unknown	Public Water Supply	4.5
MN	Unregulated Contaminant Monitoring Rule (UCMR) data Northfield, MN	Unknown	Public Water Supply	6
MO	ICI Explosives Joplin, MO	Explosives Facility	Monitoring Well	107,000
MO	Lake City Army Amm. Plant Independence, MO	Propellant Handling	Monitoring Well	70
NE	Lewiston, NE	Agricultural Chemical Facility	Shallow Private Well	5
NE	Mead, NE	Fireworks Facility	Monitoring Well	24
NV	Boeing/Rocketdyne near Reno, NV	Propellant Testing	Monitoring Well	400
NV	Kerr-McGee/BMI Henderson, NV	Perchlorate Manufacturing	Public Water Supply Monitoring Well Surface Water	24 3,700,000 120,000
NV	PEPCON Henderson, NV	Perchlorate Manufacturing	Monitoring Well	600,000

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NJ	Unregulated Contaminant Monitoring Rule (UCMR) data Middlesex County, NJ	Unknown	Public Water Supply	7
NJ	Picatinny Arsenal Morris County, NJ	Munitions Handling	Monitoring Well	627
NM	Cannon AFB Clovis, NM	Explosives Disposal	Public Water Supply	46
NM	New Mexico American Water Co Clovis, NM	Unknown	Public Water Supply Well	5.8
NM	Deming, NM	Agricultural	Public Water Supply Well	20
NM	Des Moines, NM	Agricultural	Public Water Supply Well	4.5
NM	Fort Wingate Depot Activity Gallup, NM	Explosives Disposal	Monitoring Well Soil	2,860 --
NM	Holloman AFB Alamogordo, NM	Rocket Testing	Monitoring Well Seasonal Surface Water Soil	40 16,000 --
NM	Los Alamos National Lab Los Alamos, NM	U.S. Dept of Energy Lab Chemicals	Public Water Supply Well Monitoring Well Deep Borehole Water	3 220 1,662
NM	Melrose Air Force Range Melrose, NM	Explosives	Public Water Supply Well	40.7
NM	Mountain View Albuquerque South Valley, NM	Agricultural	Public Water Supply Well	4.8
NM	White Sands Missile Range White Sands, NM	Rocket Testing	Monitoring Well Soil	21,000 --
NY	Unregulated Contaminant Monitoring Rule (UCMR) data Bethpage, NY	Unknown	Public Water Supply	5
NY	Unregulated Contaminant Monitoring Rule (UCMR) data Plainview, NY	Unknown	Public Water Supply	11
NY	Westhampton Suffolk County, NY	Unknown Source(s), Possibly Agricultural	Public Water Supply Well Monitoring Well	16 3,370
NY	Yaphank Suffolk County, NY	Fireworks	Private Well Monitoring Well	26 122
NC	Unregulated Contaminant Monitoring Rule (UCMR) data Nash County, NC	Unknown	Public Water Supply	5.8
OR	Umatilla Army Depot, Ammunition Demolition Activity Hermiston, OR	Munitions Disposal OB/OD	Monitoring Well	10

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OR	Elf Atochem Portland, OR	Perchlorate Manufacturing	Monitoring Well	1000
PA	Unregulated Contaminant Monitoring Rule (UCMR) data Berks County, PA	Unknown	Public Water Supply	4
PA	Unregulated Contaminant Monitoring Rule (UCMR) data Crawford County, PA	Unknown	Public Water Supply	33
PA	Unregulated Contaminant Monitoring Rule (UCMR) data Huntingdon County, PA	Unknown	Public Water Supply	6.7
PA	Unregulated Contaminant Monitoring Rule (UCMR) data Lancaster County, PA	Unknown	Public Water Supply	12
TX	Andrews County, TX	Unknown Source(s)	Public Water Supply Well	15.8
TX	Dawson County, TX	Unknown Source(s)	Public Water Supply Well Private Well	26 58.8
TX	Ector County, TX	Unknown Source(s)	Public Water Supply Well	5
TX	Gaines County, TX	Unknown Source(s)	Public Water Supply Well Private Well	27 30
TX	Glasscock County, TX	Unknown Source(s)	Public Water Supply Well Private Well	1.1 * 3 * *estimated
TX	Howard County, TX	Unknown Source(s)	Public Water Supply Well Private Well	1.4 * 26 *estimated
TX	Unregulated Contaminant Monitoring Rule (UCMR) data Kleburg County, TX	Unknown Source	Public Water Supply Well	4.5
TX	Unregulated Contaminant Monitoring Rule (UCMR) data Hockley County, TX	(s)Improper Cathodic Protection	Elevated Storage Tank	32
TX	Lone Star Army Ammunition Plant Texarkana, TX	Propellant and Munitions Handling	Monitoring Well Surface Water Soil	23 6 --
TX	Longhorn Army Ammunition Depot Karnak, TX	Propellant Handling	Monitoring Well Reported in Surface Water Soil	169,000 -- --
TX	Martin County, TX	Unknown Source(s)	Public Water Supply Well Private Well	32 19.1

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TX	McGregor Naval Weapons Plant McGregor, TX	Propellant Handling	Monitoring Well Reported in Surface Water Soil	91,000 — --
TX	Midland County, TX	Unknown Source(s)	Public Water Supply Well	46
TX	PANTEX Plant (USDOE) Amarillo, TX	Explosives	Monitoring Well	340
TX	Red River Army Depot Texarkana, TX	Propellant Handling	Monitoring Well	80
UT	Alliant Tech Systems Magna, UT	Rocket Manufacturing	Public Water Supply Well	16
UT	Thiokol Promontory, UT	Rocket Manufacturing	Water Supply Well (Inactive)	42
VA	Unregulated Contaminant Monitoring Rule (UCMR) data Accomack County, VA	Unknown	Public Water Supply	4.3
WA	Camp Bonneville near Vancouver, WA	Explosives/Propellant OB/OD Disposal	Monitoring Wells	200
WA	Unregulated Contaminant Monitoring Rule (UCMR) data Lakewood, Pierce County, WA	Unknown	Public Water Supply	6
WA	Unregulated Contaminant Monitoring Rule (UCMR) data Puyallup, Pierce County, WA	Unknown	Public Water Supply	8
WV	Allegheny Ballistics Lab Rocket Center, WV	Rocket Research, Production, OB/OD	Surface Discharge of Groundwater Extraction	400

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